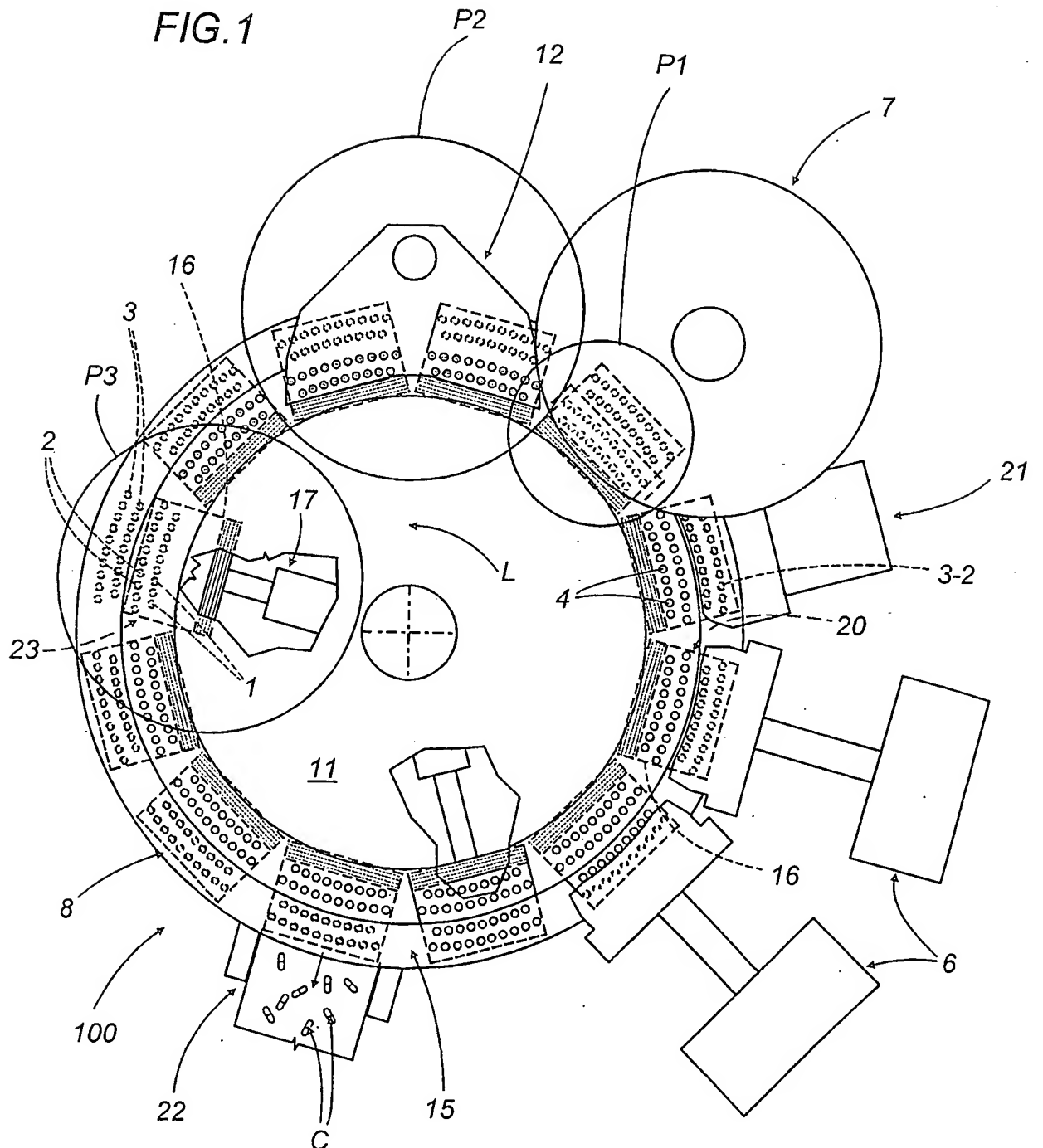


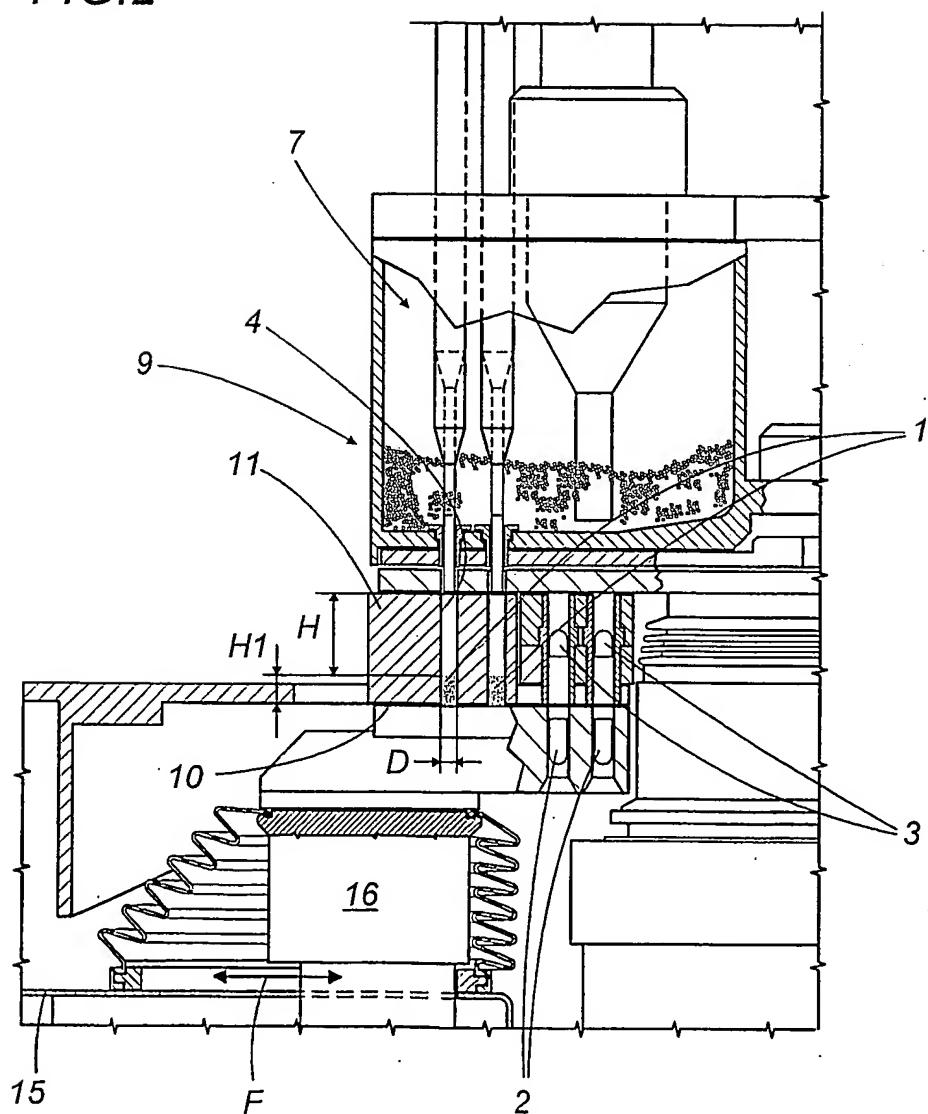
1/3

FIG. 1



2/3

FIG.2



3/3

FIG.3

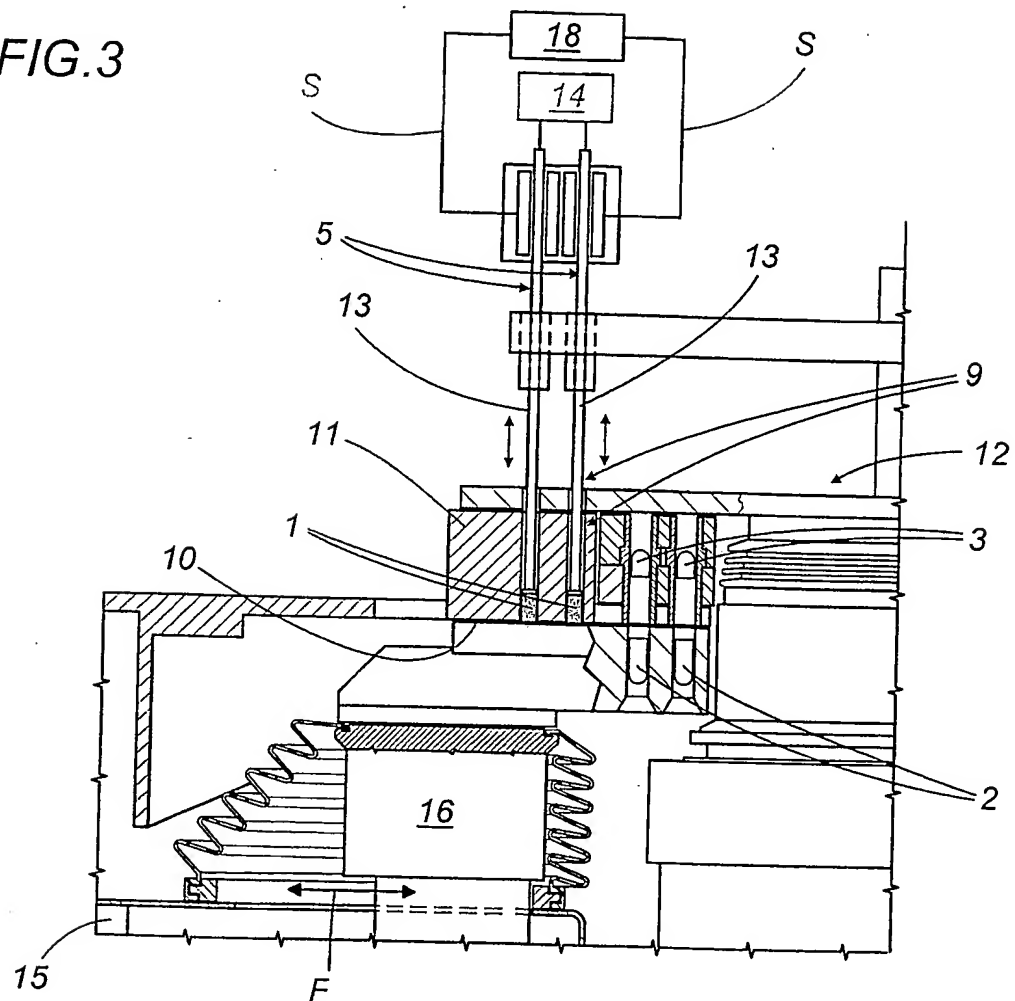
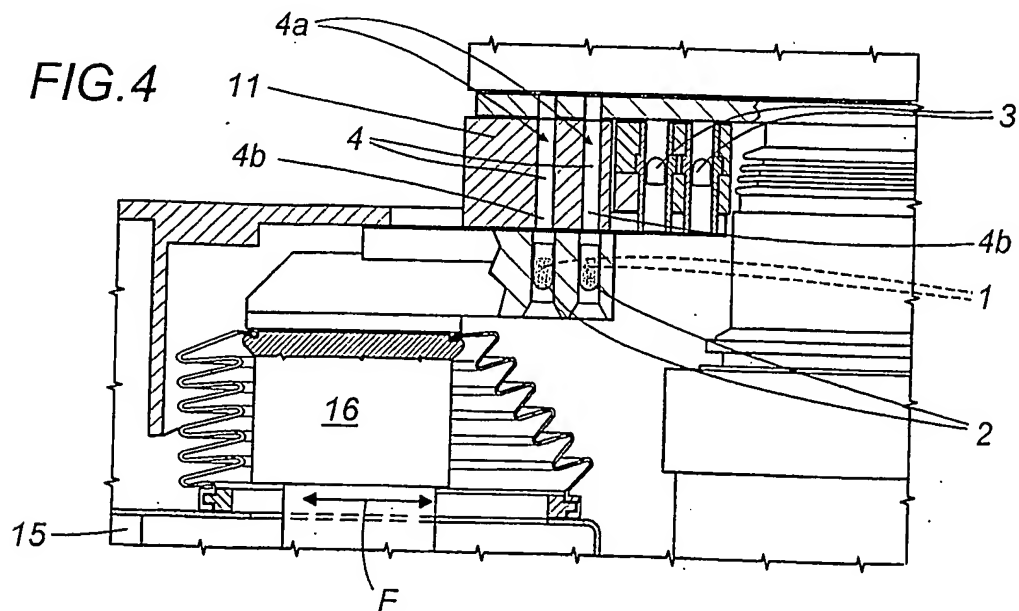


FIG.4



INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2005/001398

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61J3/07 B65B1/38 B65B1/48

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61J B65B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/32474 A (I.M.A. INDUSTRIA MACCHINE AUTOMATICHE S.P.A.; TREBBI, ROBERTO) 8 June 2000 (2000-06-08) the whole document	1-6
Y	----- the whole document	7, 8
X	US 2001/035431 A1 (RUNFT WERNER) 1 November 2001 (2001-11-01) the whole document	1-6
Y	----- DE 43 36 233 A1 (ROBERT BOSCH GMBH, 70469 STUTTGART, DE) 27 April 1995 (1995-04-27) column 3, lines 41-58; figure 1	7, 8

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

5 August 2005

Date of mailing of the international search report

16/08/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Birlanga Pérez, J-M

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2005/001398

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0032474	A	08-06-2000	IT B0980681 A1	05-06-2000
			CA 2345964 A1	08-06-2000
			CN 1124214 C	15-10-2003
			DE 69905393 D1	20-03-2003
			DE 69905393 T2	23-10-2003
			WO 0032474 A1	08-06-2000
			EP 1135294 A1	26-09-2001
			JP 2002531331 T	24-09-2002
			TW 422801 B	21-02-2001
			US 6425422 B1	30-07-2002
US 2001035431	A1	01-11-2001	DE 10001068 C1	31-05-2001
			CN 1303804 A ,C	18-07-2001
			IT MI20010005 A1	02-07-2002
DE 4336233	A1	27-04-1995	CH 688139 A5	30-05-1997
			IT MI942105 A1	24-04-1995